

**single capstan series**



**digital tape transports  
tape memory systems**

**AMPEX**



## AMPEX SINGLE CAPSTAN SERIES

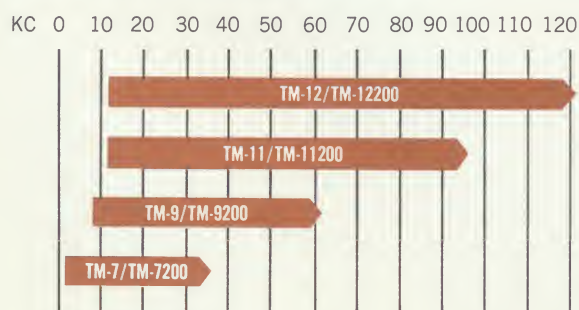
meets all your data transfer requirements . . .

The Ampex Single Capstan Series provides electronic data processors with a COMPLETE RANGE of ultra-reliable tape memories—with transfer rates from 2 to 120 KC. All tape drives and systems of the series offer FIELD PROVEN RELIABILITY—at least 2,000 hours MTBF, at least ONE BILLION start/stop operations before replacement parts may be needed in the drive mechanism. During data reliability tests on these transports, 32 data blocks of 1,024 characters (all "1" 's in IBM format) were recorded at 800 cpi. These blocks were re-read cyclically; over 552,176 passes were made of the test tape without a single character error being detected!

The Ampex Single Capstan Series, with patented\* electronic servo control, offers a number of advantages. All units of the series are INTERFACE INTERCHANGEABLE with each other. You can choose the drives to match your requirements . . . intermix them . . . and easily exchange drives if your requirements vary. They all write and read IBM compatible 7- or 9-track and ASCII formats. Service requirements are similar for all units; replacements are readily available from one source.

\* Patent Nos. 3,185,364 and 3,251,563

### BROAD RANGE OF SINGLE CAPSTAN TRANSFER RATES



## SINGLE CAPS



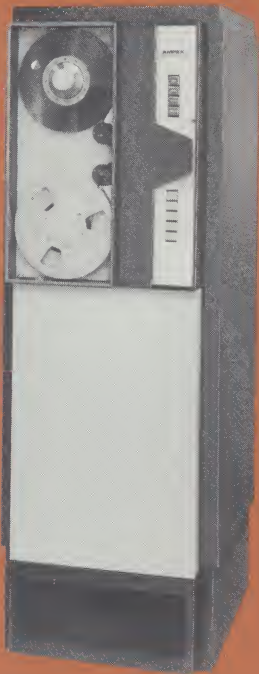
TM-7/TM-9 in lowboy enclosure

	Transfer Rates	Pack
<b>TM-7</b> <b>Digital Tape Drive</b> <b>TM-7200</b> <b>Memory System</b>	2-36 KC	200, 5 comb front densit triple availa either mote, remot
<b>TM-9</b> <b>Digital Tape Drive</b> <b>TM-9200</b> <b>Memory System</b>	9-60 KC	
<b>TM-11</b> <b>Digital Tape Drive</b> <b>TM-11200</b> <b>Memory System</b>	12-96 KC	
<b>TM-12</b> <b>Digital Tape Drive</b> <b>TM-12200</b> <b>Memory System</b>	12-120 KC	



**AMPEX**

# STAN SERIES AT A GLANCE



TM-7/TM-9 in standard 19" enclosure



TM-7/TM-9 in a 1 x 4 configuration



TM-11/TM-12 in Ampeg standard enclosure

## ing Densities

## Tape Speeds

## Start/Stop Time

## Rewind Time

56,800 cpi; any nation of two panel selectable es is standard; density selection le as an option, manual or re- or as a manual/ combination	36 ips nominal; any other single speed from 10 to 45 ips is standard; dual or mutple speeds are available to 45 ips maximum	10 milliseconds maximum at 36 ips	160 seconds maximum for 2400' of tape (732 meters)
	75 ips nominal; any other single speed from 45 to 75 ips is standard; dual or multiple speeds are available to 75 ips maximum	6.5 milliseconds maximum at 75 ips	130 seconds maximum for 2400' of tape (732 meters)
	120 ips nominal; any other single speed from 60 to 120 ips is standard; dual or multiple speeds are available to 120 ips maximum	3.8 milliseconds maximum at 120 ips	100 seconds maximum for 2400' of tape (732 meters)
	150 ips nominal; any other single speed from 60 to 150 ips is standard; dual or multiple speeds are available to 150 ips maximum	3.0 milliseconds maximum at 150 ips	100 seconds maximum for 2400' of tape (732 meters)

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Gentlemen:

Please send detailed information on:

- ☐ TM-7/TM-7200 ☐ TM-11/TM-11200 ☐ Cores or Stacks  
☐ TM-9/TM-9200 ☐ TM-12/TM-12200 ☐ Core Memories

☐ Please have a representative call; I would like to discuss: \_\_\_\_\_

\_\_\_\_\_ name \_\_\_\_\_ title

\_\_\_\_\_ organization \_\_\_\_\_

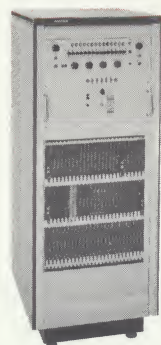
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Fill in and mail the card below for full details on TM-7, 9, 11, 12 — or Cores, Stacks and Core Memories

**AMPEX CORPORATION...** world leader in digital tape drives and systems, core memories and components, data handling devices, instrumentation, audio and video recorders . . . magnetic tape for all forms of recording



Core Memory Systems



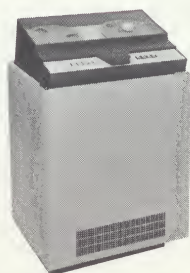
Ferrite Cores



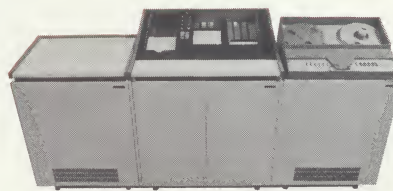
Core Memory Arrays



Core Memory Stacks



Moderate-speed Digital Tape Drives and Systems



Data Conversion Systems



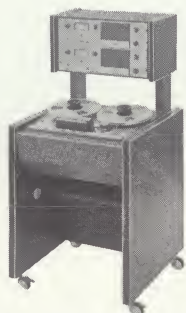
Document Storage and Retrieval Systems



High-speed Digital Tape Drives and Systems

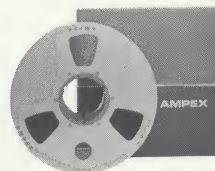


High-performance Instrumentation Recorders

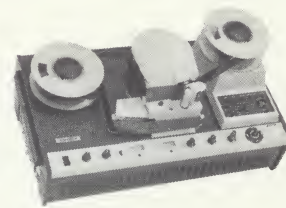


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